

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method of creating a quick recovery volume of a primary volume of data in a storage management system, the storage management system including a storage manager, a media agent connected to the storage manager, and a primary volume connected to the media agent, the method comprising:

performing a snapshot operation, wherein performing the snapshot operation includes:

quiescing the primary volume of data;

taking a first snapshot of the primary volume of data;

after the first snapshot is taken, dequiescing the primary volume of data;
and

indexing the first snapshot by associating respective information relating to individual files within the primary volume of data with the first snapshot; and

performing a copy operation, wherein the copy operation is performed after the primary volume is dequiesced and includes:

selecting the first snapshot as a source of data to copy to a quick recovery volume, wherein the quick recovery volume includes information about an application that created the data of the primary volume;

parsing the data to be copied to the quick recovery volume;

logically addressing the data to be copied to the quick recovery volume,

performing a block-level copy of the parsed and logically addressed data of the selected first snapshot to the quick recovery volume; and

deleting the selected snapshot after the block-level copy is complete.

2. (Previously Presented) The method as recited in claim 1, further comprising:

displaying the first snapshot to a user, wherein displaying the first snapshot includes displaying information associated with an application that created data tracked by the first snapshot.

3. (Previously Presented) The method of claim 2, wherein displaying the first snapshot includes displaying at least one of a date of creation of the first snapshot, a persistence of the snapshot, and a location of the snapshot.

4. (Canceled)

5. (Canceled)

6. (Previously Presented) The method of claim 1, further comprising:
displaying the first snapshot to a user via a screen corresponding to the application that created the data of the primary volume.

7. (Previously Presented) The method as recited in claim 1, further comprising:

presenting a user one or more files created by the application that created the data of the primary volume; and
receiving a selection from the user to restore the file;
suspending access to the quick recovery volume;
restoring the selected file via the quick recovery volume; and
reinstating access to the quick recovery volume.

8. (Canceled)

9. (Previously Presented) The method as recited in claim 1, further comprising:

taking a second snapshot of the primary volume of data, wherein the second snapshot only tracks changes to the primary volume of data after the first snapshot was taken; and

selecting the second snapshot as the source of data changed after the first snapshot was taken to copy to the quick recovery volume.

10-13. (Canceled)

14. (Currently Amended) A method for periodically copying changing data on a primary volume, the method comprising:

performing a first snapshot of data in a primary volume, wherein the first snapshot tracks blocks of the primary volume;

associating application specific information to the first snapshot,

storing the first snapshot and the associated application specific information to a destination volume, wherein storing the first snapshot and the associated application specific information creates a copy of the primary volume that facilitates a logical connection between the first snapshot of the data and an application that created the data;

monitoring for a change in any one of the blocks tracked by the first snapshot;
and

performing a second snapshot of a particular block when the monitoring determines that there was a change in the particular block after the first snapshot was performed; and

storing the second snapshot to the destination volume.

15. (Previously Presented) The method of claim 14, further comprising:
producing a copy of the primary volume using the first snapshot and any copies
of blocks that changed after the first snapshot, after at least one block has
changed after the first snapshot was performed.

16-22. (Canceled)